Joint Logistics Systems Center

FACT SHEET

Depot Maintenance

Baseline Advanced Industrial Management

"Provides a special industrial language ... so flexible that it can describe virtually any industrial process and yet allow easy regrouping of the work steps to accommodate rapid change without losing accountability."

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As part of the Department of Defense's (DoD's) Depot Maintenance (DM) Toolbox of applications, Baseline Advanced Industrial Management (BAIM) provides project management functionality to support major end-item repair.

The DM Toolbox is the depot maintenance piece of a Corporate Information Management (CIM) initiative designed to improve management of operations and ensure interoperability across DoD logistics. The DM Toolbox ultimately represents an important milestone in the creation of a seamless logistics system, resulting in a streamlined logistics infrastructure and improved logistics response time.

FUNCTIONS

Provides a flexible, configuration-base, Work Breakdown Structure (WBS) enabling depot project managers to plan, monitor, and control work consistent with their execution strategies

- Provides on-line technical information for use in depot maintenance and repair
- Enables efficient re-use of planning and technical information
- Reduces resource consumption
- Provides the work force with the information needed to manage the project, resulting in increased quality and productivity
- *CAF (Contract Administration & Financial Control)* negotiates and manages the project's funds
- *PPM (Project Planning & Management)* develops and maintains a single integrated project plan
- *JPL (Job Planning)* creates detailed planning products that contain the technical data needed by the artisans at work
- *PSS (Project Scheduling & Sequencing)* provides realistic schedules that support the execution strategy

Joint Logistics Systems Center

IMPLEMENTATION SITES

Navy

Norfolk Naval Ship Yards (NSY)
Pearl Harbor NSY
Portsmouth NSY
Puget Sound NSY
Long Beach NSY
Naval Aviation Depot (NADEP) Jacksonville
NADEP North Island
NADEP Cherry Point

Point of Contact

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Lockheed Martin
BDM Federal

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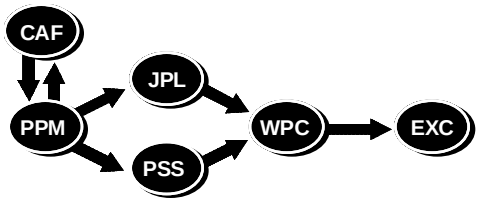

Major Core Functional Processes

- *WPC (Work Packaging & Control)* packages tasks and releases work for efficient execution
- *EXC (Execution Control)* controls and coordinates daily work execution by setting priorities and assigning workers to tasks

BENEFITS

BAIM applies a disciplined project management process to major end item repair that enhances planning, controlling, and executing. Since its implementation throughout NAVSEA, BAIM has enabled naval shipyards to realize significant tangible and intangible benefits.

Tangible

- Delivers simplified and complete technical work documents
- Streamlines the process for obtaining technical information, reviewing it, and applying it to work instructions and procedures
- Enables efficient re-use of planning and technical information
- Reduces project cycle time
- Increases throughput

Intangible

- Provides disciplined and efficient planning, estimating, and scheduling
- Provides disciplined and efficient work force management methods and control of cost and schedule
- Applies group and zone technology
- Enhances control of projects
- Fosters customer relations through focusing on customer objectives
- Allows project and asset visibility

COMPLIANCE WITH REGULATORY REQUIREMENTS

- Security

ARCHITECTURE

Sun SPARCenter 2000	486
UNIX	TCP/IP
ORACLE	GUI
SQL	X-Windows

SUMMARY

BAIM is a DoD solution for project management of major end items. BAIM has been successfully implemented throughout NAVSEA naval shipyards. Effort is now underway to take BAIM to NAVAIR, starting with NADEP JAX. Proof of concept on the P-3 product line will occur approximately in July 1997.